

Minutes of the TITAN Meeting

Held on the 9th of March, 2009

Present: Maxime Brodeur, Paul Delheij, Jens Dilling, Stephan Ettenauer, Melvin Good, and Ryan Ringle

Summary beam-time Be12, Be14, and Na25

x) Be12 was measured successfully.

x) Be14: There might be a TaC target in fall or next spring where chances are higher to get some Be14 out.

x) Na25: charge-bred Na25 was seen in the TOF after extraction from the EBIT. Near the end of the beam time first injection into the MPET and resonances with N⁺ were achieved. But when going back to Na the respective peak in the TOF was gone.

Lessons learned:

- We need the EBIT's MCP's phosphor screen working to optimize injection into the EBIT.
- TOF gate for injection into EBIT?- generally a good idea, but was not an issue for this time, since Na25 came out clean from the RFQ.
- it would be good to look on MPET MCP in DC mode
- bending in switchyard: MCP0 might be too close to the bend and the maximal number of counts on MCP0 does often not refer to the optimal settings for the injection into the MPET.

⇒ During the next weeks work will be continued with beam from our own source.

Next online run: June

Hardware Wish List

Jens needs a list of hardware which we want to buy and install.

RFQ: getting ready for reverse extraction

Switchyard: investigations concerning the vacuum leak are planned for next week

Accounting

Titan has now 5 accounts: CPET, MPET, and 3 NSERC accounts.

Jens will make a list what should be put on which account.

Conferences

Hand in travel commitment form before you go to a conference.